

viz. Deloli in Cambay basin, Adichapuram in Cauvery onland and KG-DW-S01 in KG deep water. OIL have made two oil/gas discoveries at Baghjan and Shanti in tinsukia district of Assam. Private JV companies have made seven discoveries viz. Block RJ-ON-90/6 Rajasthan, Block CB-ONN-2000/1 Gujarat, four in Eastern offshore areas in Blocks KG-DWN-98/2, KG-OSN-2001/3, KG-DWN-98/3 and KG-OSN-2001/1 and one in Western offshore Block SWP-1. These new discoveries are under different stages of appraisal through data acquisition, processing and interpretation of data as well as drilling of appraisal wells.

### **Doping of Diesel with Non-Edible Oil**

2989. SHRI VIJAY J. DARDA: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether Government are planning to dope diesel with non-edible oil extracted from plants like Jatropha to cut imports;

(b) if so, whether a specific entity of "Public-Private-Panchayat-Partnership" is being evolved for this purpose;

(c) what percentage of non-edible oil from plants will be mixed initially; and

(d) whether its use will require any modification in the automobile engines?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI DINSHA J. PATEL): (a) and (b) Non-edible oils extracted from plants like Jatropha cannot be mixed directly with diesel. However diesel can be doped with bio diesel which is made by a chemical process called transesterification of vegetable oils with methanol. It is not contemplated to involve private lands owners/farmers in the activities at this stage.

(c) In the first phase 5% bio diesel is proposed to be mixed with diesel.

(d) 5% bio-diesel blended with diesel does not require any modification in the automobile engines.